

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/009997

A. CLASSIFICATION
ATTORNEY OFF SUBJECT MATTER
F01D25/24 F01D9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
FOID

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical search terms used)

EPO-Internal , WPI Data , PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
X	EP 1 162 346 A (GENERAL ELECTRIC COMPANY) 12 December 2001 (2001-12-12) column 8, paragraph 25; figures 2,7,8 -----	1,2, 11-14
X	EP 1 154 126 A (GENERAL ELECTRIC COMPANY) 14 November 2001 (2001-11-14) column 3, paragraph 15 column 4, paragraph 19 - column 4, paragraph 20; figures 3,4 -----	1,2, 11-14
X	US 5 127 793 A (WALKER ET AL) 7 July 1992 (1992-07-07) column 5, line 6 - column 5, line 15; figures 4,4c ----- -/--	1,2, 11-14

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *p* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

1 December 2005

Date of mailing of the international search report

13/12/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2
NL - 2280 HV RIJSWIJK
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Rau , G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/009997

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	EP 1 225 305 A (MITSUBISHI HEAVY INDUSTRIES, LTD) 24 July 2002 (2002-07-24) column 3, paragraph 13 - column 4, paragraph 19 column 6, paragraph 27 column 8, paragraph 41; figures 2,3 -----	1,2, 11-14
A	EP 1 178 182 A (MITSUBISHI HEAVY INDUSTRIES, LTD) 6 February 2002 (2002-02-06) column 5, paragraph 15; figure 2 -----	1,2, 11-14

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/009997

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1162346	A	12-12-2001	JP 2002004805 A	09-01-2002
			US 6340285 B1	22-01-2002
EP 1154126	A	14-11-2001	CZ 20010042 A3	12-12-2001
			JP 2001317306 A	16-11-2001
			us 6390769 B1	21-05-2002
US 5127793	A	07-07-1992	CA 2039821 A1	01-12-1991
			DE 4101872 A1	05-12-1991
			FR 2662746 A1	06-12-1991
			GB 2244523 A	04-12-1991
			IL 96975 A	15-03-1993
			JP 4330302 A	18-11-1992
EP 1225305	A	24-07-2002	CA 2368555 A1	19-07-2002
			JP 2002213209 A	31-07-2002
			US 2002098079 A1	25-07-2002
EP 1178182	A	06-02-2002	CA 2372984 A1	13-09-2001
			WO 0166914 A1	13-09-2001
			JP 3632003 B2	23-03-2005
			US 6508623 B1	21-01-2003